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(54) Title: ANTIBACTERIALS DIASCCHARIDE DERIVATIVES

$$H = \begin{bmatrix} -0 - CH_2 \\ X - H_2 - O - P - H_2 \end{bmatrix} = 0 - CH_2$$

$$CH_2 - O - P - H_2 = 0$$

$$O - CH_2$$

(57) Abstract: Disclosed is an isolated compound having the structure shown in Figure 2, wherein n is an integer between 3 and 10 (inclusive) and X may be H, OH, alkyl, aryl, amyl, or an amino acid residue (optionally substituted) r a sugar residue (optionally substituted), and wherein R and R1 are hydrophobic hydrocarbon or fatty acid chains (R may be the same as R1 or different), a method of preparing compositions comprising the compound, and a diagnostic method comprising use of the composition.